THE ALEMITE DIE-CASTING & MFG. CO.

341–351 West Chicago Ave., CHICAGO, ILL.

Die Castings in Zinc, Lead, Tin, Alloys

ADVANTAGES:

Die Castings produced by the Alemite Process have the following distinctive advantages:

An increased output without an increased investment in machinery, floor space or personnel.

Dies being made of a specially alloyed steel, you are guaranteed interchangeable parts.

May be finished in any of the generally accepted commercial finishes.

They are guaranteed accurate; weigh one-fifth less than cast iron and one-third less than brass.

They cost less than machined, sand moulded castings, because they are produced ten to twenty times as fast.

Eliminates loss due to errors in machining.

They have a smooth, wear-resisting surface.

All departments of The Alemite Die-Casting & Mfg. Co. are equipped with latest types of special and automatic machinery, to guard against unnecessary delays in delivery.

GEARS:

By the Alemite Process, we are prepared to furnish to your specifications any of the following types of gears:

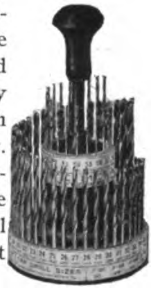
Spur—Bevel—Worm—Spiral or Internal in any pitch, shape or type of tooth.

APPLICATIONS:

Alemite Die Castings are successfully produced for and used in the following classes of apparatus:

Adding Machines
Automotive Equipment
Bearings
Carburetors
Electrical Fittings
Electrical Instruments
Electric Pianos
Handles
Locomotive Headlights
Musical Instruments
Phonographs
Scientific Instruments
Soda Fountain Fixtures
Telephones
Throttle Levers
Tractor Fittings
Typewriters
Venturi Tubes

THE ALEMITE DRILL STAND:



This device has many advantageous features. The handle makes the stand portable. It can be easily carried from one bench or machine to another. The drills are always accessible. A twist of the handle turns the stand until the desired drill is brought to view.

Beneath every drill number is given the decimal equivalent in inches of the drill size. Tap drill sizes are shown, designating the proper drill to use before tapping for every size from $^2/_{56}$ to ½ inch. The drill sizes recommended are those proven by actual experience to be the best suited for each tap size, so that just enough stock will remain to give a practical thread.

This stand is also a drill gauge. The holes are so accurate that only the proper drill will fit; yet the drill cannot bind. Usage will not wear these holes.

With this information on the workman's bench for ready reference, all time previously lost in referring to some grease-marked or blurred handbook, or loss from spoiled material caused by a wrong guess or reliance on poor memory, is eliminated.

Stands are finished in hard black enamel with polished handle.

Drill Stand No. 1—as illustrated, for drills from No. 1 to No. 60 (not including drills), $3.00.

Drill Stand No. 2—like illustration, but for drills from $\frac{1}{16}$ inch to ½ inch by 64ths (not including drills), $3.00.

SEE OUR ADV'T IN MECHANICAL ENGINEERING THE JOURNAL OF THE A.S.M.E.